



Oregon

John A. Kitzhaber, MD, Governor

Public Utility Commission

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February 23, 2011

OREGON PUBLIC UTILITY COMMISSION
ATTENTION: FILING CENTER
PO BOX 2148
SALEM OR 97308-2148

RE: **Docket No. UW 147** – In the Matter of SUNRIVER WATER LLC Request for a General Rate Revision.

Enclosed for electronic filing in the above-captioned docket is the Stipulation between Public Utility Commission and Sunriver Water LLC.

/s/ *Lois Meerdink*

Lois Meerdink

Regulatory Operations Division

Filing on Behalf of Public Utility Commission Staff

(503) 378-8959

Email: Lois.Meerdink@state.or.us

Cc: UW 147 Service List - Parties

**PUBLIC UTILITY COMMISSION
OF OREGON**

UW 147

STIPULATION

**Entered into by
Public Utility Commission Staff
And
Sunriver Water LLC**

**Sunriver Water LLC
Request for a general rate revision.**

February 23, 2011

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BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON
UW 147

In the Matter of SUNRIVER WATER LLC)
Proposed Tariffs for) STIPULATION
Water Service.)

Sunriver Water LLC (“Sunriver” or “Company”) and the Public Utility
Commission Staff (Staff) appearing by and through its attorney, Jason W. Jones,
Assistant Attorney General, (inclusively referred to as “Parties”) enter into this global
settlement of all issues during a December 20, 2010, settlement conference.

1.

The Parties support entering into evidence, without requiring any Party to lay a
foundation for its admission, Staff’s written testimony, marked as Staff/100, Ball/1–17,
Staff/101, Ball/1, Staff/102, Ball 1-8, and Attachments A and B to this stipulation.

2.

The Parties support and recommend the Commission adopt a 24.82 percent
increase over test year revenues for non-golf course operations. This increase
results in a total revenue requirement of \$1,328,223, total revenue deductions of
\$1,123,503, and a net operating income of \$204,720. The stipulated Revenue
Requirement is included as Attachment A, page 1.

3.

The Parties support and recommend the Commission adopt a 9.92 percent
increase over test year revenues for golf course operations. This increase results in

1 a total revenue requirement of \$122,338, total revenue deductions of \$94,378, and a
2 net operating income of \$27,960. The stipulated Revenue Requirement is included
3 as Attachment A, page 2.

4 4.

5 Additionally, the Parties support and recommend the Commission adopt a
6 9.50 percent return on rate base of \$2,092,198 for non-golf course operations and
7 \$290,155 for golf course operations.

8 5.

9 The Parties agree that irrigation and golf course users will be billed base rate
10 charges each month (12 months per year) and that commodity charges will be billed
11 for the month after usage occurs.

12 6.

13 The Parties agree to and support the stipulated rates, fees, rules and
14 regulations contained in Attachment B, Sunriver's tariff sheets, PUC Oregon No. 7,
15 Original Sheets No. 1 through 35.

16 7.

17 The Parties support the stipulated tariffs going into effect for service on and
18 after April 1, 2011.

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8.

By entering into this Stipulation, no Party shall be deemed to have approved, accepted, or consented to the facts, principles, methods, or theories employed by any other Party in arriving at the agreed revenue requirement, rate spread, and design.

9.

The Parties recommend that the Commission adopt this stipulation in its entirety. The Parties have negotiated this stipulation as an integrated document. Accordingly, if the Commission rejects all or any material portion of this stipulation, each Party reserves the right, upon written notice to the Commission and all Parties to this proceeding within 15 days of the date of the Commission's order, to withdraw from the stipulation and request an opportunity for the presentation of additional evidence and argument.

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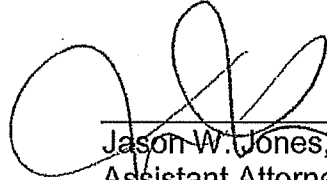
10.

The Parties understand that this stipulation is not binding on the Commission in ruling on this application and does not foreclose the Commission from addressing other issues.

DATED this 12th day of February 2011.

Respectfully submitted,

JOHN KROGER
Attorney General




Jason W. Jones, # 000594
Assistant Attorney General
Of Attorneys for PUC Staff

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11.

The Parties understand that this stipulation is not binding on the Commission in ruling on this application and does not foreclose the Commission from addressing other issues.

DATED this 21st day of February 2011.



Tom O'Shea
Managing Director, Sunriver Resort LP
Sunriver Water LLC

Sunriver Water
DOCKET NO. UW
Test Year: 2009

UW 147 Stipulation
Attachment A

C	D	E	F	G	H	I	J	K	L
CROSSWATER GOLF COURSE	Balance Per Application Yr 2009	Allocation Factor to Crosswtr GC	Allocation of 2009 Test Yr to Crosswtr GC	Proposed Allocated Company Adjustments	Adjusted Results (A+B=C)	Proposed Staff Adjustments	Adjusted Results (A+D=E)	Proposed Rev Changes	Proposed Results (E+F=G)
REVENUES									
Unmetered Water Sales						0			
Residential Water Sales						0			
Commercial Water Sales						0			
Multi Family Dwellings						0			
Fire Protection						0			
Irrigation						0			
						0			
Golf Course	111,301	100.00%	111,301		111,301	0	111,301	11,036	122,337
TOTAL REVENUE	111,301		111,301	0	111,301	0	111,301	11,037	122,338

111,301 0 111,301 122,337

OPERATING EXPENSES

Salaries and Wages - Employees	355,529	6.13%	21,800	9,970	31,770	3,089	24,888		24,888
Salaries and Wages - Officers	0	6.13%				0	0		0
Employee Pension & Benefits	46,745	6.13%	2,866	1,668	4,534	1,758	4,624		4,624
Gas	93	0.07%	0	0	0	0	0		0
Telephone/Communications	3,614	0.07%	2	0	3	0	3		3
Purchased Power (direct plus allocatio	6,696	6.13%	7,106	473	7,579	473	7,579		7,579
Chemical / Treatment Expense	0	0.07%		0	0	0	0		0
Office Supplies	276	0.07%	0	1	1	0	0		0
Postage	19,466	0.07%	13	2	15	(2)	11		11
O&M Materials/Supplies	3,355	6.13%	206	(57)	149	(57)	149		149
Repairs to Water Plant	7,302	6.13%	448	(169)	278	(169)	278		278
Contract Svcs - Engineering	3,738	6.13%	229	(229)	0	(229)	0		0
Contract Svcs - Accounting	0	0.07%	0		0	0	0		0
Contract Svcs - Legal	47,021	6.13%	2,883	(2,761)	123	(2,883)	0		0
Contract Svcs - Management Fees	138,060	6.13%	8,465	169	8,635	169	8,635		8,635
Contract Svcs - Testing	5,492	0.00%	0	0	0	0	0		0
Contract Svcs - Labor	0	6.13%			0	0	0		0
Contract Svcs - Billing/Collection	2,412	0.07%	2	(0)	1	(0)	1		1
Contract Svcs - Elec/Mechanical	36,556	6.13%	2,241	713	2,954	(805)	1,436		1,436
Contract Svcs - Other	0	6.13%	0		0	0	0		0
Rental of Building/Real Property	0	6.13%			0	0	0		0
Rental of Equipment	0	6.13%			0	0	0		0
Small Tools	7,548	6.13%	463	(87)	376	(87)	376		376
Computer/Electronic Expenses	7,673	0.07%	5	5	11	1	6		6
Transportation	19,634	0.07%	13	2	15	2	15		15
Vehicle Insurance	0	0.07%	0	0	0	0	0		0
General Liability Insurance	44,432	0.07%	30	(13)	16	(21)	9		9
Workers' Comp Insurance	18,253	6.13%	1,119	1,147	2,266	222	1,341		1,341
Insurance - Other	0	0.07%			0	0	0		0
Public Relations/Advertising	0	0.07%			0	0	0		0
Amortz. of Rate Case	0	6.13%	0	0	0	0	0		0
Gross Revenue Fee (PUC)	3,203	9.47%	303	(25)	278	(25)	278	28	306
Water Resource Conservation	0	6.13%			0	0	0		0
Bad Debt Expense	7,142	0.07%	5	(5)	0	(5)	0		0
Cross Connection Control Program	0	0.07%			0	0	0		0
Dues & Licenses	11,760	6.13%	721	(273)	448	(490)	231		231
Training and Certification	1,611	6.13%	99	46	145	(40)	59		59
Consumer Confidence Report	0	0.07%	0	0	0	0	0		0
General Expense	0	6.13%	0		0	0	0		0
TOTAL OPERATING EXPENSE	797,611		49,020	10,577	59,597	901	49,921	28	49,948

59,597 901 49,921 49,948

OTHER REVENUE DEDUCTIONS

Depreciation Expense	26,074	100.00%	26,074	0	26,074	(2,467)	23,607		23,607
Amortization Expense	0	100.00%	0	0	0	0	0		0
Property Tax	18	100.00%	18	1	19	1	19		19
Payroll Tax	38,697	6.13%	2,373	763	3,135	(64)	2,309		2,309
Other	0	100.00%			0	0	0		0
Oregon Income Tax	5,891	9.47%	2,504	0	1,665	119	2,624	815	3,439
Federal Income Tax	25,802	9.47%	10,966	0	7,291	522	11,488	3,568	15,056
TOTAL REVENUE DEDUCTIONS	894,092		90,954	11,341	97,780	(988)	89,968	4,411	94,378
NET OPERATING INCOME	(782,791)		20,347	(11,341)	13,521	988	21,333	6,627	27,960

41,934 21,652

Utility Plant in Service	560,689	100.00%	560,689		560,689	(11,140)	549,549		549,549
Less:									
Depreciation Reserve	261,968	100.00%	261,968		261,968	(2,574)	259,394		259,394
Contributions in Aid of Const	0	100.00%	0		0	0	0		0
Amortization of CIAC	0	100.00%	0		0	0	0		0
Accumulated Deferred Income Tax	0	100.00%	0		0	0	0		0
Net Utility Plant	298,721		298,721	0	298,721	(8,566)	290,155	0	290,155
Plus: (working capital)					298,721		290,155		290,155
Materials and Supplies Inventory	0	100.00%		0	0	0	0		0
Working Cash (Total Op Exp /12)	0	100.00%	4,085	881	4,966	75	4,160	2	4,162
TOTAL RATE BASE	298,721		302,806	881	303,687	(8,491)	294,316	2	294,318
Rate of Return	-262.05%		6.72%		4.45%		7.25%		9.50%

Containing Rules and Regulations
Governing Water Utility Service

NAMING RATES FOR

SUNRIVER WATER LLC

PO BOX 3699
SUNRIVER OR 97707

541-593-4197

Serving water in the vicinity of

Sunriver, Oregon

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Table of Contents

<u>Schedule No.</u>		<u>Page No.</u>
	Title Page.....	1
	Index.....	2
1	Residential, Multifamily, Commercial, and Irrigation Metered Rates	3
2	Residential Flat Rates.....	4
3	Fire Protection	5
4	Crosswater Golf Course.....	6
5	Backflow Prevention Device Service Fees.....	7-8
6	Miscellaneous Charges.....	9
	Rules and Regulations.....	10

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Advice No. _____
 (FOR PUC USE ONLY)

SCHEDULE NO. 1

RESIDENTIAL, MULTI FAMILY, COMMERCIAL, AND IRRIGATION

METERED RATES

Available: To customers of the Utility at Sunriver, Oregon, and vicinity.

Applicable: To residential, multifamily, commercial and irrigation services.

Base Rate

Service Meter Size	Monthly Base Rate	Usage Allowance
5/8 or 3/4 inch	\$10.84	none
1 inch	\$27.11	none
1½ inches	\$54.21	none
2 inches	\$86.74	none
3 inches	\$162.64	none
4 inches	\$271.06	none
6 inches	\$542.13	none

Commodity Usage Rate

Commodity Rate		Units	
\$1.19	Per	1000	gallons

Special Provisions:

1. These rates are based on continuous service. Discontinuation of service may not be employed to avoid monthly charges for service. See Rule No. 27, Voluntary Discontinuance.
2. Water used during the construction of buildings, etc., shall be metered. Charges shall be made at the rates specified in this schedule. When setting of a meter is impracticable, the amount of water used shall be estimated, and the charges shall be made at specified rates for the amounts so estimated.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

3. Multifamily customers will be assessed at the number of units served, times the monthly base rate for a 5/8 inch meter's, plus commodity. Example: If the premise served has 8 units the base charged will be 8 x base rate for a 5/8 inch meter, plus commodity used through the meter.
4. Irrigation Customers shall be billed base rate charges each month (12 months per year). Commodity charges will be billed for the month after usage occurs.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Advice No. _____
(FOR PUC USE ONLY)

SCHEDULE NO. 2
RESIDENTIAL FLAT RATES

Available: To customers of the Utility at Sunriver, Oregon, and vicinity.

Applicable: To residential premises.

Flat Rate

SERVICE LINE SIZE	MONTHLY FLAT RATE	CONSUMPTION
Any	\$19.69	unlimited

Special Provisions:

1. These rates are based on continuous service. Discontinuation of service may not be employed to avoid monthly charges for service. See Rule No. 27, Voluntary Discontinuance.
2. Water used during the construction of buildings, etc., shall be metered when possible. Charges shall be made at the rates specific to the type of customer:
 - Schedule No. 1, Residential, Commercial, and Irrigation Metered Rates
 - When setting of a meter is impracticable, the amount of water used shall be estimated, and the charges shall be made at specified rates for the amounts so estimated.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Advice No. _____
 (FOR PUC USE ONLY)

SCHEDULE NO. 3

FIRE PROTECTION

Available: To customers of the Utility at Sunriver, Oregon, and vicinity.

Applicable: To commercial/industrial premises.

Line or Meter Size	Monthly Rate
5/8" x 3/4"	n/a
1"	n/a
1.5"	n/a
2"	\$5.08
3"	\$9.53
4"	\$15.88
6"	\$31.77
8"	\$50.83

Special Provisions:

1. These rates are based on continuous service. Discontinuation of service may not be employed to avoid monthly charges for service. See Rule No. 27, Voluntary Discontinuance.
2. Water used during the construction of buildings, etc., shall be metered. Charges shall be made at the rates specified in this schedule. When setting of a meter is impracticable, the amount of water used shall be estimated, and the charges shall be made at specified rates for the amounts so estimated.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
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**SCHEDULE NO. 4
CROSSWATER GOLF COURSE RATES**

Base Rate

Service Meter Size	Monthly Base Rate	Usage Allowance
5/8 or 3/4 inch	\$	none
1 inch	\$	none
1½ inches	\$	none
2 inches	\$	none
3 inches	\$1,699.14	none
4 inches	\$	none
6 inches		none

Commodity Usage Rate

Commodity Rate		Units	
\$0.44	Per	1000	gallons

Special Provisions:

1. These rates are based on continuous service. Discontinuation of service may not be employed to avoid monthly charges for service. See Rule No. 27, Voluntary Discontinuance.
2. Water used during the construction of buildings, etc., shall be metered. Charges shall be made at the rates specified in this schedule. When setting of a meter is impracticable, the amount of water used shall be estimated, and the charges shall be made at specified rates for the amounts so estimated.
3. Golf Course Rate Users shall be billed base rate charges each month (12 months per year). Commodity Charges will be billed for the month after usage occurs.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

SCHEDULE NO. 5

**CROSS CONNECTION CONTROL PROGRAM &
 BACKFLOW PREVENTION DEVICE SERVICES FEES**

Purpose: Sunriver Water LLC desires to offer backflow prevention device services to customers who own backflow prevention devices.

Available: To customers of Sunriver Water LLLC, in Sunriver, Oregon, and vicinity.

Applicable: To residential and commercial/industrial and irrigation premises with backflow prevention devices installed on the premise.

Program Description:

Service plan includes:

1. **Testing Services:** Upon customer request, Sunriver Water LLC will provide the required annual backflow prevention device testing by a state-certified tester pursuant to OAR 333-061-0070 through OAR 333-061-0072.
2. **Maintenance and Repair Service:** Sunriver Water LLC will provide maintenance and repairs on the customer-owned backflow prevention assemblies upon customer approval and at the customer's expense. Maintenance does not include the startup, blow out or freeze protection of the assemblies. Replacement of backflow prevention assemblies is the responsibility of the customer.
3. **Plan review and Inspection Fee:** Sunriver Water LLC will review plans and placement of cross-connection assemblies and inspect that placement and installation of assembly meets requirements for approval within the Cross-Connection Program.

BILLING RATES:

- | | |
|------------------------------------------|---------------------------------------------|
| 1. Backflow Prevention Assembly Test Fee | \$40 per test |
| 2. Repair and Maintenance Fee | \$40 per hour plus
any additional costs. |
| 4. Plan Review and Inspection Fee | \$40 per review |

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

CROSS CONNECTION CONTROL PROGRAM & BACKFLOW PREVENTION DEVICE SERVICES FEES CONTINUED

Special Provisions

General

1. The customer is under no obligation to use the Utility's backflow protection device testing services.
2. The customer can choose any qualified Utility or individual to test his/her backflow prevention device.
3. Customers who choose to use the Company's backflow prevention services must sign the written authorization notifying the Company of that election and return it to the Company. To receive the Company's backflow prevention device service, the customer must sign an agreement for the service and payment plan requested. By signing the agreement, the customer is giving the Company permission to perform work on the customer-owned backflow prevention device(s).
4. The Company reserves the right to propose before the OPUC any change in the amount charged for the backflow prevention device testing, maintenance, and repair services.
5. Customers will be given the choice of accepting or rejecting a new agreement in advance of any rate increase.
6. The Utility will separately itemize the backflow prevention device service fee on customer bills.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Advice No. _____
(FOR PUC USE ONLY)

SCHEDULE NO. 6

MISCELLANEOUS SERVICE CHARGES

This schedule lists the miscellaneous charges included in the utility's Rules and Regulations; refer to the appropriate rules for an explanation of charges and conditions under which they apply.

<u>Connection Charge for New Service</u> (Rule Nos. 8 & 9)	
Standard ¾-inch service	At cost
Nonstandard ¾ inch service	At cost
Larger than ¾-inch	At cost
Irrigation hookup (if provided on separate system)	At cost
<u>Reading Sub meters and Preparing Memo Bills</u> (Rule No. 22A)	\$4.30
<u>Meter Test</u> (Rule No. 21)	
First test within 12-month period	N/C
Second test within 12-month period	\$35
<u>Pressure Test</u> (Rule No. 41)	
First test within 12-month period	N/C
Second test within 12-month period	\$35
<u>Late-Payment Charge</u> (Rule No. 22)	
Charged on amounts more than 30 days past due	Pursuant to OAR 860-036-0130 as of 1/1/11 – 1.7%)
<u>Deposit for Service</u> (Rule No. 5)	
Pursuant to OAR 860-036-0040(2)	Pursuant to OAR 860-036-0050 as of 1/1/11 – 0.5%)
<u>Returned-Check Charge</u> (Rule No. 23)	\$25
<u>Trouble-Call Charge</u> (Rule No. 37)	
During normal office hours	\$30 per hour
After normal office hours on special request	\$50 per hour
<u>Disconnection/Reconnect Charge</u> (Rule Nos. 29 & 30)	
During normal office hours	\$30 per hour
After normal office hours on special request	\$50 per hour
<u>Unauthorized Restoration of Service</u> (Rule No. 31)	Reconnection charge plus costs
<u>Damage/Tampering Charge</u> (Rule No. 35)	At cost
<u>Disconnect Site-Visit Charge</u> (Rule No. 30)	\$25

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Advice No. _____
 (FOR PUC USE ONLY)

RULES AND REGULATIONS

Rule 1: Jurisdiction of the Commission

The Rules and Regulations contained herein shall be subject to the rules and regulations of the Public Utility Commission of Oregon.

Rule 2 Definitions

A. **“Utility” shall mean: SUNRIVER WATER LLC**

- B. “Applicant” shall mean any person, business, or organization that applies for service or reapplies for service at a new or existing location after service has been discontinued, except as noted in the definition of “Customer.”
- C. “Commission” shall mean the Public Utility Commission of Oregon.
- D. “Customer” shall mean any person, business, or organization who has applied for, been accepted to receive, or is currently receiving service. A customer who voluntarily discontinues service at the same or different premises within 20 (twenty) days after discontinuance retains customer status.
- E. “Residential customer premises” shall mean any dwelling and its land including, but not limited to, a house, apartment, condominium, townhouse, cottage, cabin, mobile home, or trailer house.
- F. “Commercial customer premises” shall mean any premises at which a customer carries on any major activity of gaining a livelihood or performing a public service. Such activity may be of a business, industrial, professional, or public nature.
- G. “Main” shall mean the pipe laid in the street, alley, or other right-of-way for the distribution of water to customers. It shall not include service lines.
- H. “Service connection” shall mean the pipe, stops, fittings, meter, and meter box laid from the main to the property line of the premises served.
- I. “Customer line” shall mean the pipe, stops, and fittings leading from the property line to the premises served.
- J. “Point of Delivery” is the property line or the outlet swivel/union of the meter defining where the service connection stops and the customer line starts.

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APPLICATION FOR SERVICE

Rule 3: Customer/Applicant Information (OAR 860-036-0015)

The Utility shall provide or be able to provide customers or applicants with the following information:

- A. Instructions on how to read meters, either in writing or by explanation;
- B. Application and contract forms;
- C. Utility rules and regulations;
- D. Commission rules and regulations;
- E. Approved tariffs or statement of rates, whichever is applicable;
- F. Rights and Responsibilities Summary for Oregon Utility Consumers;
- G. Notices in foreign languages, if applicable;
- H. The Utility's business address, telephone number, and emergency telephone number;
- I. Notices approved by the Commission.

Rule 4: Application for Service (OAR 860-036-0035)

Application for water service must be made for each individual service. The application shall identify the applicant, the premises to be served, the billing address if different, the type of use to which the water is to be put, and an agreement to conform to the Rules and Regulations of the Utility as a condition for receiving such service. The applicant shall, at this time, pay any scheduled fees or deposits. An application is a request for service and shall not be accepted until the applicant establishes credit as set forth in OAR 860-036-0040.

An application for service must be made where:

- A. An applicant, who has not previously been served by the Utility, requests service; or
- B. Service has been involuntarily discontinued in accordance with the Utility and Commission rules, and service is requested; or
- C. Service has been voluntarily discontinued and a request to restore service has not been made within 20 days; or
- D. There is a change in the type of use to which the water is put, or the number of premises served.

Rule 5: Establishment of Credit and Deposits (OAR 860-036-0040, 0045, 0050, and 0055)

In accordance with the Commission's rules for credit establishment and deposits, an applicant for new service or a customer seeking continued service may be required to make a deposit to secure payment of bills for service. The deposit shall not exceed one-sixth (1/6) the amount of reasonable estimated billings for one year's use of service at the premises during the prior year or upon the type and size of the customer's equipment that will use the service. (OAR 860-036-0040 and 0045)

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The Utility shall pay interest on deposits at the rate established by the Commission. After the customer has paid its water service bills for 12 consecutive months without having had service discontinued for nonpayment, or did not have more than two occasions in which a shut-off notice was issued, and the customer is not then delinquent in the payment of bills, the Utility shall promptly and automatically refund the deposit plus accrued interest pursuant to OAR 860-036-0050 and 0055, by:

- 1. Issuing the customer a refund check, or
- 2. **Crediting the customer's account.**
(The customer is entitled to a refund check upon request.)

Rule 6: Customer Service Line

The customer shall own and maintain the customer service line and promptly repair all breaks and leaks. For non-metered service, the customer service line begins at the property line or the utility-owned shut-off valve. For metered service, the customer service line begins on the customer's side of the meter or the utility-owned shut-off valve. The Utility shall not be responsible for any damage or poor service due to inadequacy of the customer line or any portion of the customer's plumbing. All leaks in the customer line, faucets, and all other parts of the plumbing owned or controlled by the customer shall be promptly repaired so as not to waste water. All water that flows through the meter is the responsibility of the customer to pay for even in the event of water breaks or freezes in customer piping downstream of the meter.

Rule 7: Separate Control of Service

All premises supplied with water will be served through service lines so placed as to enable the Utility to control the supply to each individual premise using a valve placed within and near the line of the street, the Utility right-of-way, or at the meter.

Rule 8: Service Connections (OAR 860-036-0060)

The service connection is that portion of the water system between the Utility's main line and the customer's property line, including all material and installation (hot tap, pipes, fittings, meter, etc.) necessary to provide water service to the customer. The Utility shall own, operate, maintain, and replace the service connection when necessary and promptly repair all breaks and leaks. The customer shall not be responsible for any damage or poor service due to inadequacy of the Utility's service lines or any portion of the Utility's plumbing.

- A. The Utility may purchase and install the service connection and meter and, generally all materials and labor are included in rate base; or
- B. The Utility may purchase and install the service connection and charge the customer the cost of the service connection less the cost of the meter. Generally, the cost of the meter is included in rate base; or

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- C. The customer may purchase the meter and contribute or gift the meter to the Utility. Contributions of this type are generally excluded from rate base.
- D. In special cases and upon approval by the Commission, a customer may purchase and install the service connection (including meter, meter box, parts, and all excavation and plumbing) and contribute or gift the entire service connection to the Utility. Contributions of this type are generally excluded from rate base.

Rule 9: Service Connection Charge

An applicant requesting permanent water service to a premise not previously supplied with permanent service by the Utility may be required to pay the cost of the service connection, including or excluding the meter as provided in Rule No. 8 and the Utility’s Miscellaneous Service Charges in this tariff.

Rule 10: Main Line Extension Policy (OAR 860-036-0065)

The Utility shall specify the size, character, and location of pipes and appurtenances in any main line extension. Main line extensions shall normally be along streets, roads, highways, or other satisfactory rights-of-way. All construction work shall conform to all applicable rules, regulations, codes, and industry standards. Each main line extension shall normally extend along applicant’s property line to the point the applicant’s service line would be at a 90-degree angle to the street or main line.

Rule 11: Main Line Advances and Refunds Policy

Each new customer requesting a main line extension shall advance the Utility the cost-based amount necessary to extend the main line to provide service.

For a period of five years after construction of the requested main line extension, the Utility shall also collect from any additional applicants whose connect to the main line extension an amount per foot equal to the new applicant’s proportionate share of the main line extension cost for that portion used. The Utility will then refund the share differential amount to those customers who previously shared the cost of said main line extension. Refunds shall not exceed the amount originally advanced.

No part of the distribution system installed prior to the request for a main line extension shall be used to calculate any customer advance or refund.

Rule 12: Types of Use

Water service may be supplied for residential, commercial, irrigation, temporary construction, special contracts, fire prevention, and other uses. The Utility shall file separate rate schedules for each type of use and basis of supply.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Rule 13: Multiple Residences/Commercial Users

An apartment building, mobile home park, motel, trailer camp, duplex, townhouse, or any property consisting of more than one residential/commercial unit, if served through one service line, shall be considered to be equivalent to the number of dwelling units when determining the customer count.

Rule 14: Utility Access to Private Property (OAR 860-036-0120(3)(b) and OAR 860-036-0205(3))

Customers shall provide access during reasonable hours to utility-owned service lines that may extend onto the premises of the customer for the purposes of reading meters, maintenance, inspections, or removal of Utility property at the time service is to be discontinued. Where the customer does not cooperate in providing reasonable access to the meter or to the premises, as required by law or to determine if a health or safety hazard exists, it is grounds for disconnection.

Rule 15: Restriction on Entering a Customer Residence (OAR 860-036-0085)

No water Utility employee shall enter the residence of its customers without proper authorization except in an emergency when life or property is endangered.

REFUSAL OF SERVICE

Rule 16: Refusal of Service Due to Customer Accounts (OAR 860-036-0080(1-3))

The Utility may refuse to serve an applicant until receipt of full payment of overdue amounts, or other obligations related to a prior account of the applicant with the Utility, when the following circumstances exist:

- A. An overdue amount remains outstanding by the applicant at this or another service address; and
- B. The applicant resided at the service address indicated in (A) during the time the overdue charges were incurred; and
- C. The person indicated in (A) will reside at the location to be served under the new application.
(OAR 860-036-0080)

Except for residential customers or applicants who were disconnected for theft of service, a water utility shall provide service to a residential applicant upon receipt of payment equal to at least one-half of any overdue amount. The balance of the amount owed to the utility shall be paid within 30 days of the date service is initiated

Service shall not be refused for matters not related to water service. Residential service shall not be refused due to obligations connected with nonresidential service.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

If service is refused under this rule, the Utility shall inform the applicant or customer of the reasons for the refusal and of the Commission's dispute resolution process.

Rule 17: Refusal of Service Due to Utility Facilities (OAR 860-036-0080(7))

The Utility shall not accept an application for service or materially change service to a customer if the Utility does not have adequate facilities or water resources to render the service applied for, or if the desired service is of a character that is likely to unfavorably affect reasonable service to other customers.

For refusal of service under this rule, the Utility shall provide a written letter of refusal to the applicant informing applicant that the details upon which the Utility's decision was based may be requested. A copy of such notice will be sent to the Commission. The details will include, but not be limited to:

- A. Current capacity and load measured in gallons or cubic feet per minute;
- B. Current capacity and load measured in pounds per square inch;
- C. Cost to the Utility for additional capacity in order to provide the additional service; and
- D. Information regarding the appeal process of the Utility's refusal to provide service is available through the Commission's dispute resolution process pursuant to OAR 860-036-0025.

Rule 18: Refusal of Service Due to Customer Facilities (OAR 860-036-0080(4-6))

The Utility shall refuse service to an applicant or customer whose facilities do not comply with applicable plumbing codes or, if in the best judgment of the Utility, are of such a character that safe and satisfactory service cannot be given.

If service is refused under this rule, the Utility will provide written notification to the customer within 10 working days stating the reason(s) for refusal and providing information regarding the Commission's complaint process. A copy of the notification will also be sent to the Commission.

METERS

Rule 19: Utility Meters (OAR 860-036-0105)

The Utility shall own, maintain, and operate all meters. Meters placed in service shall be adequate in size and design for the type of service, set at convenient locations, accessible to the Utility, subject to the Utility's control, and placed in a meter box or vault between the street curb and property line. Each meter box or vault shall be provided with a suitable cover.

Where additional meters are furnished by the Utility or relocated for the convenience of the customer, a reasonable charge may be made in accordance with a schedule approved by the Commission.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

The water Utility shall have the right to set meters or other devices for the detection and prevention of fraud or waste without notice to the customer.

Each customer shall provide the Utility with regular access to the meter on the customer's property. Failure to permit access at reasonable times and after reasonable notice by the Utility requesting access is grounds for disconnection. (OAR 860-036-0120) Should damage result to the meter from molesting, tampering, or willful neglect on the part of the customer, the Utility shall repair or replace the meter and may bill the customer for the reasonable cost. (OAR 860-036-0105(7))

Rule 20: Meter Testing (OAR 860-036-0110)

The meter shall be tested prior to or within 30 (thirty) days of installation to determine it is accurate to register not more than 2 percent error. No meter shall be allowed to remain in service if it registers an error in excess of 2 percent (fast or slow) under normal operating conditions. The Utility shall maintain a record of all meter tests and results. Meter test result records shall include:

- A. Information necessary to identify the meter;
- B. Reason for making the test;
- C. Date of test;
- D. Method of testing;
- E. Meter readings;
- F. Test results; and
- G. Any other information required to permit convenient checking of methods employed.

Rule 21: Customer-Requested Meter Test (OAR 860-036-0115)

A customer may request that the Utility test the service meter. Such test shall be made within 20 working days of the receipt of the request. The customer or the customer's representative has the right to be present during the test, which is to be scheduled at a mutually agreeable time. A written report shall be provided to the customer stating:

- A. Customer's name;
- B. Date of the customer's request;
- C. Address at which the meter has been installed;
- D. Meter identification number;
- E. Date of actual test; and
- F. Test results.

The first meter test in a twelve-month period is at no cost to the customer. If a customer requests a meter test more often than once in any 12-month period, the fee listed on the Miscellaneous Service Charges Schedule may be required to recover the cost of the test. If the meter is found to register more

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

than 2 percent fast or slow under conditions of normal operation, the Utility shall refund the fee to the customer.

BILLING

Rule 22: Billing Information & Late-Payment Charge
(OAR 860-036-0120, OAR 860-036-0125 & OAR 860-036-0130)

All bills, including closing bills, are due and payable at the Utility office within 15 days when rendered by deposit in the mail or other reasonable means of delivery, unless otherwise specified on the bill. The date of presentation is the date on which the Utility mails the bill.

As near as practical, meters shall be read at monthly intervals on the corresponding day of each meter reading or billing period.

The bill shall be rendered immediately thereafter. (OAR 860-036-0120(3) requires water utilities to bill at monthly intervals. However, a Utility may request upon application special authority from the Commission to bill at intervals other than monthly.)

The Utility will keep at least 10 years of all billings records (flat or metered rates) and three years of meter readings. The Utility shall make a reasonable effort to prepare opening and closing bills from actual meter readings. When there is good reason for doing so, estimated bills may be submitted. Any estimated billings shall be clearly designated as such. When requested, the Utility shall demonstrate to the Commission the reason for the estimated billing.

All water service bills shall show:

- A. Beginning and ending meter readings for the billing period;
- B. Beginning and ending dates of the period of service to which the bill applies;
- C. For all metered bills, beginning and ending meter readings for the period for which the bill is rendered;
- D. Number of units of service supplied stated in gallons or cubic feet;
- E. Schedule number under which the bill was computed;
- F. Delinquent date of the bill;
- G. Total amount due; and
- H. Any other information necessary for the computation of the bill.

All bills become delinquent if not paid within 15 days of the date the Utility mailed or delivered the bill. (OAR 860-036-0125 requires a minimum of 15 days.)

A late-payment charge may be assessed against any account that has an unpaid balance when the next bill is being prepared. The charge will be computed on the delinquent balance owing at the time of

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

preparing the subsequent month's bill at the late-payment rate specified in the Miscellaneous Service Charges Schedule. The late-payment rate is determined annually by the Commission, and the Utility will be notified of the rate.

If an account is permitted to become delinquent, the Utility may disconnect water service by giving proper notice to the customer as provided in Rules 28/29, prior to or after the Utility assesses the late payment charge.

Rule 22A: Master Meter with Memo Bill

A customer under special agreement with Sunriver Water LLC may be metered with a master meter. The master meter customer will be responsible for total payment of the master meter water bill.

Sunriver Water LLC will read the sub meters and send memo bills to the master meter customer and sub-metered tenants. Memo bills are not official bills from the utility. A memo bill shows the sub-metered tenants' individual water consumption and Sunriver Water LLC's applicable rate for use by the master meter customer when collecting payments from sub-metered tenants.

The total aggregate monthly base charges of all sub-metered accounts shall not exceed the total aggregate monthly base charge of the master meter serving sub-metered accounts. There will be a monthly charge for readying and preparing a memo bill for each sub-meter as indicated in Schedule No. 6. This monthly charge will be the responsibility of the master meter customer

Rule 23: Returned Payment Charge

The Returned Payment Charge listed on the Miscellaneous Service Charges Schedule shall be billed for each occasion a customer submits any type of noncash payment (check, debit, electronic, etc.) that is not honored, for any reason, by a bank or other financial institution.

Rule 24: Prorating of Bills

Initial and final bills will be prorated according to the number of days service was rendered and on the basis of a 31-day month. For metered services, a reasonable effort will be made to read the meter upon opening and closing a customer's account. Consumption will be charged at scheduled rates. Any minimum monthly charge will be prorated.

Rule 25: Adjustment of Bills (860-036-0135)

When an underbilling or overbilling occurs, the Utility shall provide written notice to the customer detailing the circumstances, period of time, and the amount of the adjustment. If it can be shown that the error was due to an identifiable cause, the date of which can be fixed, the overcharge or undercharge shall be computed back to such date. If no date can be fixed, the Utility shall refund the overcharge or rebill the

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

undercharge for no more than six months' usage. In no event shall an overbilling or underbilling be for more than three years' usage. No billing adjustment shall be required if a meter registers less than 2 percent error under conditions of normal operation.

When a customer is required to repay an underbilling, the customer shall be entitled to enter into a time-payment agreement without regard to whether the customer already participates in such an agreement. If the customer and the Utility cannot agree upon payment terms, the Commission shall establish terms and conditions to govern the repayment obligation. The Utility shall provide written notice advising the customer of the opportunity to enter into a time-payment agreement and of the Commission's complaint process.

DISCONNECTION OF WATER SERVICE

Rule 26: Transfer Billings (860-036-0140)

If a water utility identifies a balance a customer owes from the customer's prior account for Oregon service, the water utility shall have the option to transfer the amount to the customer's current account. The water utility will give the customer prior notice of the transfer, including:

- A. The amount due under the prior account; and
- B. The period when the balance was incurred; and
- C. The service address under which the bill was incurred.

The utility has the option to send a separate notice to the customer giving the same information, but collecting the amount for the prior account separately from the customer's current account. If the customer has an amount remaining on an existing time-payment agreement, the customer may enter into a new time-payment agreement to include the transfer.

This rule also applies to customers who change service locations, and who applied for the new service within 20 days of closing the prior account (thereby retaining customer status).

DISCONNECTION OF WATER SERVICE

Rule 27: Voluntary Discontinuance (OAR 860-036-0210)

Except for emergencies, customers who (for any reason) wish to have service discontinued shall provide the Utility at least five business-days' advance notice of the requested to discontinue service. The customer is responsible to identify the date of disconnection and for all service rendered until the Utility receives the customer's notice and the service is discontinued on the requested date.

Rates are based on continuous service. Disconnect and reconnect transactions do not relieve a customer from the obligation to pay the base rate or minimum charge that accumulates during the period of time the service is voluntarily disconnected for up to 12 months. Should the customer wish to

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

recommence service within 12 months at the same premise, the customer will be required to pay the accumulated minimum monthly charge or base rate as if service had been continuous. The reconnection charge listed on the Miscellaneous Service Charges Schedule will be applicable at the time of reconnection.

Rule 28: Emergency Disconnection (OAR 860-036-0215)

The Utility may terminate service in emergencies when life or property is endangered without following the procedures set forth in OAR 860-036-0245. Immediately thereafter, the Utility will notify the customer and the Commission. When the emergency termination was through no fault of the customer, the utility shall not charge the customer for disconnection or restoration of service.

Rule 29: Disconnection of Water Service Charge for Cause (OAR 860-036-0205 and 0245)

When a customer fails to comply with the Utility's rules and regulations, or permits a bill or charge for regulated services to become delinquent (except for nonpayment of a time-payment agreement), the Utility shall give at least five business days' written notice before water service may be shut off. The notice shall state:

- A. The reason(s) for the proposed disconnection;
- B. The earliest date for disconnection;
- C. The amount to be paid to avoid disconnection;
- D. An explanation of the time-payment provision of OAR 860-036-0125;
- E. Information regarding the Commission's dispute resolution process; and
- F. The Commission's Consumer Services toll-free number, 1-800-522-2404.

Prior to disconnection on the day that the Utility intends to disconnect service, the Utility must make a good-faith effort to physically contact the customer to be disconnected or an adult at the customer's premise to be disconnected to advise the customer or adult of the proposed disconnection. If contact is not made, the Utility shall leave a notice in a conspicuous place at the customer's premise informing the customer that service has been or is about to be disconnected. The Utility shall document its efforts to contact the customer or an adult at the premises and make that documentation available to the customer upon request.

Service shall not be shut off for non-emergencies on a Friday or the day of a state- or Utility-recognized holiday or the day prior to such holiday. (OAR 860-036-0220) The Utility shall not disconnect residential service due to the failure to pay or meet obligations associated with nonresidential service. (OAR 860-036-0225)

Residential customers who are notified of pending disconnection may choose between two Time Payment Agreement options. The Utility will offer such customers a choice of a levelized-payment plan

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

and an equal-pay arrearage plan. A Utility and customer may mutually agree to an alternate payment arrangement provided it be in writing and signed by all parties.

Disconnection for Failure to Comply With a Time Payment Agreement

A time-payment agreement disconnection occurs when a customer fails to comply with the terms of a written time-payment agreement between the customer and the Utility, or the Utility permits a time-payment agreement charge to become delinquent. The Utility shall give the customer a 15-day' written notice and a 5-business day written notice before the water service may be disconnected.

Rule 30: Disconnection and Reconnection of Water Service and Field Visit Charge

Disconnection Charge

When service was disconnected pursuant to OAR 860-036-0245 or OAR 860-036-0250, the water utility may charge the disconnect fee stated in its tariff.

Reconnection Charge

Service must be reconnected after the customer or applicant has requested reconnection, paid all applicable charges, provided necessary credit information, and satisfied all requirements for service when service was disconnected pursuant to OAR 860-036-0245 or OAR 860-036-0250, the water utility may charge the reconnection fee stated in its tariff.

Field Visit Charge

A water utility may assess a field visit charge whenever the water utility visits a residential service address intending to reconnect or disconnect service, but due to customer action, the water utility is unable to complete the reconnection or disconnection at the time of the visit. The field visit charge must be either filed in its tariffs or included in its statement of rates, whichever is applicable.

A field visit charge may not be assessed to a customer for delivery of any disconnect notice when the Utility has a viable address(es) for the customer. If a Utility delivers a disconnect notice, it is responsible to document its efforts to send the disconnect charge by mail and demonstrate to the Commission the reasonableness of delivering any disconnect notice to the customer's residence.

Rule 31: Unauthorized Restoration of Service

After the water has been disconnected or shut off at the curb stop or at the meter, if any person not authorized by the Utility should turn it on, the water service line may be disconnected without notice. Service shall not be reconnected until all arrearages; all cost-of-service disconnection and reconnection, charges listed on the Miscellaneous Service Charges Schedule are paid in full.

Rule 32: Unauthorized Use

No person shall be allowed to make connection to the Utility mains, or to make any alteration to service connections, or to turn a curb stop off or on to any premises without written permission of the Utility.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Meter tampering, diverting service, or any other unauthorized use of service will automatically cause a disconnection of the water service and may result in meter removal. All applicable fees, costs of disconnection and reconnection, past-due billings, and service charges listed on the Miscellaneous Service Charges Schedule must be paid in full before any service is restored. An advance deposit for restoration of service may be required.

Rule 33: Interruption of Service (OAR 860-036-0075)

The Utility shall have the right to shut off the water supply temporarily for repairs and other necessary purposes. The Utility shall use all reasonable and practicable measures to notify affected customers in advance of such discontinuance of service except in the case of emergency repairs. The Utility shall not be liable for any inconvenience suffered by the customer or damage to the customer's property arising from such discontinuance of service.

The Utility shall keep a record of all service interruptions affecting its whole system or a major section thereof, including the time and date of interruption, duration, and cause or purpose of interruption.

Rule 34: Water Supply/Usage Restrictions (OAR 860-036-0325)

The Utility shall exercise due diligence to furnish a continuous and adequate supply of water to its customers. If water restrictions are necessary to equitably apportion its available water supply among its customers with due regard to public health and safety, the Utility shall provide written notification to its customers and the Commission including:

- A. Reason for the restriction;
- B. Nature and extent of the restriction;
- C. Effective date of the restriction; and
- D. Probable date of termination of such restriction.

Rule 35: Damages/Tampering

Should damage result to any of the Utility's property from molesting or willful neglect by the customer to a meter or meter box located in the customer's building, the Utility will repair or replace such equipment and will bill the customer for the costs incurred.

SERVICE QUALITY

Rule 36: System Maintenance (OAR 860-036-0305)

The Utility shall have and maintain its entire plant, distribution system, and hydrants in such condition that it will furnish safe, adequate, and reasonable continuous service. The Utility shall inspect its facilities in

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

such manner and with such frequency as may be necessary to ensure a reasonably complete knowledge of its condition and adequacy at all times.

The Utility shall keep such records of all routine maintenance as considered necessary for the proper maintenance of its system, including regular flushing schedules, exercising of valves, and valve inspections.

Rule 37: Trouble Call

The trouble-call charge listed on the Miscellaneous Service Charges Schedule may be billed whenever a customer requests that the Utility visit the customer's premises to remedy a service problem and the problem is due to the customer's facilities.

Rule 38: Water Purity (OAR 860-036-0310)

The Utility shall deliver water for domestic purposes free from bodily injurious physical elements and disease-producing bacteria and shall cause such tests to be made and precautions taken as will ensure the constant purity of its supply. The Utility shall keep a record of all water quality tests, results, monitoring, and reports.

The Utility shall deliver domestic water that is reasonably free from elements that cause physical damage to customer property such as pipes, valves, appliances, and personal property. A water supply that causes such damage will be remedied until the conditions are such as to not reasonably justify the necessary investment.

Rule 39: Water Pressure (OAR 860-036-0315)

Each water Utility shall maintain pressure at a minimum of 20 pounds per square inch (psi) for health reasons to each customer at all times. The 20 psi standard is not presumed to be adequate service and do not restrict the authority of the Commission to require improvements where water pressure or flow is inadequate.

In general, 40 psi of water pressure in the water mains is usually adequate for the purposes of this rule. However, adequate pressure may vary depending on each individual water system and customers' circumstances. In the case of a dispute, the Commission will determine the appropriate water pressure for the water utility.

Rule 40: Pressure Surveys (OAR 860-036-0320)

The Utility shall have a permanently placed pressure gauge located on a main that is representative of the system's pressure. A portable gauge in good working condition shall be available for checking pressure conditions in any part of the distribution area.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Rule 41: Customer-Requested Pressure Test (OAR 860-036-0320)

Upon customer request, the Utility will perform a water pressure test within 20 working days of the request. The first pressure test in any 12- month period shall be at no charge. If the customer requests more than one pressure test within any 12-month period, a deposit to recover the reasonable cost of the additional test may be required of the customer. The deposit shall be returned if the pressure test indicates less than 20 psi. The customer or designated representative has the right to be present at the pressure test, and said test shall be conducted at a mutually agreeable time.

For metered service, the pressure will be tested at a point adjacent to the meter on the customer's service line.

For non-metered service, the pressure will be tested at the customer's service line or hose bibb or other reasonable point likely to best reflect the actual service pressure.

Rule 42: Maps/Records (OAR 860-036-0335)

The Utility shall keep on file current maps and records of the entire plant showing size, location, character, and date of installation of major plant items, including shut-off valves.

Rule 43: Utility Line Location (One Call Program) (OAR 860-036-0345)

The Utility and its customers will comply with the requirements of OAR 952-001-0010 through and including OAR 952-001-0090 (One Call Program) regarding identification and notification of underground facilities.

Rule 44: Cross Connection/Backflow Prevention Program

The Utility will comply with the rules and regulations for the Cross Connection/Backflow Prevention Program, as provided for in ORS Chapter 333 and the Utility's approved Backflow Prevention Program and/or tariff.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

SUNRIVER WATER LLC CROSS CONNECTION REGULATIONS

Pursuant to chapter 333, division 61 of the Oregon Administrative Rules, it is the responsibility of Sunriver Water LLC to protect its drinking water by instituting and enforcing a cross connection program. Therefore, the following regulations are hereby adopted:

Contents:

1. Definition
2. Purpose
3. Cross Connections Regulated
4. Backflow Prevention Device Requirements
5. Installation Requirements & Instructions Irrigation
6. Installation Requirements & Instructions Commercial
7. Installation Requirements & Instructions Sprinklers
8. Installation Requirements & Instructions Hot Tubs
9. Access to Premises
10. Annual Testing & Repair
11. Variances
12. Cost of Compliance
13. Termination of Services
14. Constitutionality and Saving Clause
15. Effective Date

1 Definitions

1. A “Cross Connection” means any physical arrangement where a public water system is connected, directly or indirectly, with any other non-drinkable water system or auxiliary system, sewer, drain conduit, swimming pool, storage reservoir, plumbing fixtures, irrigation systems, hot tubs, solar systems, fire sprinkler system or other liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water system as a result of backflow. Bypass arrangements, jumper connections, removable sections, swivel or change over devices, or other temporary or permanent devices through which, or because of which backflow may occur are considered to be cross connections.
1. B “Backflow” means the flow in the direction opposite to the normal flow or the introduction of any foreign liquids, gases, or substances into the water system of Sunriver Water LLC
1. C “Auxiliary Supply” means any water source or system other than the public water system, that may be available in the building or on the premises.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- 1. D “Approved Backflow Prevention Device” means a device to counteract backpressure or prevent siphonage. This device must appear in the list of approved devices issued by the Oregon State Health Division.
- 1. E “Reduced Pressure Principle Device” (RPBD) shall mean an assembly containing two independently acting approved check valves together with a hydraulically-operated mechanically independent pressure differential relief valve located between the check valves and at the same time below the first check valve. The device shall include properly located test cocks and tightly closing shut-off valves at the end of the assembly. A check valve is approved if it appears on the list of approved devices issued by the Oregon State Health Division.
- 1. F “Premises” means any piece of land to which water is provided including all structures, improvements, and additions.

2 Purpose

The purpose of these regulations is to protect the water supply of Sunriver Water LLC from contamination or pollution due to any existing or potential cross connection.

3 Cross Connections Regulated

No cross connections shall be created, installed, used, or maintained within the territory served by Sunriver Water LLC except in accordance with these regulations.

4 Backflow Prevention Device Requirement

Approved backflow prevention devices shall be installed at the expense of the user, either at the service connection or within the premises, as determined by a certified cross connection inspector employed by Sunriver Water LLC in each of the following Circumstances:

- 4. A When the nature and extent of any activity of the premises, or the materials used in connection with any activity of the premises , or materials stored on the premises, could contaminate or pollute the drinking water supply.
- 4. B When premises has one or more cross connections as that term is defined in section 1. A paragraph 2.
- 4. C When internal cross connections are not correctable, or intricate plumbing arrangements have been made it impractical to ascertain whether or not cross connection exists.
- 4. D When there is a repeated history of cross connections being established or re-established.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- 4. E When there is unduly restricted entry so that inspections for cross connections cannot be made with sufficient frequency or with sufficient notice to assure that cross connections do not exist.
- 4. F When materials of a toxic or hazardous nature are being used such that, if back siphonage should occur, a health hazard could result.
- 4. G When there is any mobile apparatus which uses Sunriver Water LLC system or water from any premises within the system.
- 4. H When there is a premise where installation of an approved backflow prevention device is deemed to be necessary to accomplish the purpose of these regulations in the judgement of a certified cross connection specialist employed by Sunriver Water LLC
- 4. I When an appropriate cross connection report form has not been filed with the office of Sunriver Water LLC for the particular premise.

5 Installation Requirements Irrigation

To ensure proper operation and accessibility of all backflow prevention devices, the following requirements shall apply to the installation of these devices.

Sunriver Water LLC

Irrigation Backflow Installation Requirements

- 5. A Prior to the installation of ANY TYPE of irrigation system on property served by Sunriver Water LLC a set of plans, prints, drawings, or diagram of the system must be submitted to Sunriver Water LLC

The plans shall include location of system (street and lot number), owners name and address, layout of system, size and description of backflow device. This irrigation plan will be reviewed and kept on file at Sunriver Water LLC

Within ten (10) working days Sunriver Water LLC will return to the submitter initialed plan approval or required changes, and a copy of Sunriver Water LLC backflow device installation requirements.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

Sunriver Water LLC requires that the minimum backflow prevention on an irrigation system will be the installation of an approved Double Check Valve Assembly.

5. B The following are Sunriver Water LLC requirements for the installation and approval of a Double Check Valve Assembly on all irrigation systems:

1. In order for a backflow prevention device to be approved by Sunriver Water LLC, we have depended upon the Foundation for Cross Connection Control and Hydraulic Research at the University of California to provide us with a list of devices that has passed its stringent test procedure.
2. All devices installed after September 1, 1986, must be State of Oregon approved and have resilient seated gate valves or fully ported ball valves. These valves are to be an integral part of the device assembly as sold by the local distributor. Lists of approved devices are available at Sunriver Water LLC office.

5. C DOUBLE CHECK VALVE ASSEMBLY (DCVA)- INSTALLATION

1. The DCVA shall be installed with adequate space to facilitate maintenance and testing. It shall be inspected and tested after installation to insure its satisfactory operation and proper installation. The DCVA must be tested by a certified state tester, at time of installation.
2. Care must be used to insure that the DCVA is not installed where the pressure will be maintained above the device's rated and labeled capacity.
3. Pit or below grade installation of a DCVA must have a 6" gravel bed for pit drainage and pipe plug must be installed in test cock tappings to lessen the danger of cross connects if the device becomes submerged.
4. The DCVA must be protected from freezing but must facilitate testing and maintenance. There shall be no connections installed between DCVA and source of supply for the purpose of draining.
5. Thoroughly flush the lines prior to installation of the DCVA.
6. Owner or representative must call for an inspection by Sunriver Water LLC. Backflow device installation service line and all premise plumbing to the DCVA must be exposed on visual inspection.
7. Water service will not be turned on until final approval is granted, following the acceptance of the DCVA installation and receipt of certified test results.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- 5. D Prior to backfill, this installation must be inspected between the DCVA and the source of supply by Sunriver Water LLC. Inspection will be made by Sunriver Water LLC within two (2) working days of notice to inspect.

IMPORTANT: Failure to notify Sunriver Water LLC prior to backfill will result in re-excavation of the device and point of connection to facilitate inspection.

- 5. E Final approval shall be granted following the acceptance of the installation and receipt of certified tester results.
- 5. F All devices must be tested annually at the beginning of the irrigation season.

NOTE: The installation of a backflow prevention device on the water service line will eliminate the thermal expansion of hot water into distribution system. Therefore, Sunriver Water LLC hereby notifies the water user that it is the water users responsibility to maintain temperature pressure relief valves within the premise plumbing.

6 INSTALLATION REQUIREMENTS COMMERCIAL SERVICES

Sunriver Water LLC

Commercial Backflow Installation Requirements

- 6. A Prior to installation of any commercial water service (any service other than residential) in Sunriver Water LLC service area, a set of plans, prints, drawings, or diagrams of the system must be submitted to Sunriver Water LLC.

The plans shall include location of buildings, irrigation systems and landscaping, street address, owners name and mailing address, plumbing and mechanical plans, size of service line and description of intended use of property. This plan will be reviewed and kept in file at Sunriver Water LLC.

Within ten (10) working days Sunriver Water LLC will return to the submitter initial plans approved. The approval notice will include type of backflow device required (minimum requirement double check valve assembly) a copy of Sunriver Water LLC backflow device installation requirements and a list of local state certified backflow device testers.

- 6. B The following are Sunriver Water LLC requirements for the installation and approval of Double Check Valve

Assembly in all commercial services:

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

B.1 All devices installed after September 1, 1986 must be State of Oregon approved and have resilient seated gate valves or fully ported ball valves. These valves are to be an integral part of the device assembly as sold by the local distributor. Lists of approved devices are available at Sunriver Water LLC.

B.2 DOUBLE CHECK VALVE ASSEMBLY (DCVA) - INSTALLATION

The DCVA shall be installed with adequate space to facilitate maintenance and testing. It shall be inspected and tested after installation to insure its satisfactory operation and proper installation. The DCVA must be tested by a certified state tester, at the time of installation.

Care must be used to insure that the DCVA is not installed where the pressure will be maintained above the devices rated and labeled capacity.

Pit or below grade installations of a DCVA must have a 6" gravel bed for pit drainage and pipe plugs must be installed in test cock tappings to lessen the danger of cross connects if the device becomes submerged.

The DCVA must be protected from freezing but must facilitate testing and maintenance. There shall be no connections installed between DCVA and source of supply for the purpose of draining.

Thoroughly flush the lines prior to installation if the DCVA.

Owner or representative must call for an inspection by Sunriver Water LLC. Backflow device installation service line and all premise plumbing to the DVCA must to exposed in visual inspection.

Water service will not be turned on until final approval is granted, following the acceptance of the DCVA installation and receipt of certified test results.

All devices must be tested annually by a state certified backflow device tester and a completed test report submitted to Sunriver Water LLC.

NOTE: The installation of a backflow prevention device on the water service line will eliminate the thermal expansion of hot water into distribution system. Therefore, Sunriver Water LLC hereby notifies the water user that it is the water users responsibility to maintain temperature pressure relief valves within the premise plumbing.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

7 INSTALLATION REQUIREMENTS FIRE SPRINKLERS

Sunriver Water LLC
Fire Sprinkler Systems Backflow
Prevention Requirements

- 7. A Pursuant to chapter 333-61-070 (6) (b) of the Oregon State Health Division Administrative Rules an approved Double Check Valve Assembly (DCVA) shall be the minimum backflow protection for fire sprinkler systems.
- 7. B Installation requirements for DCVA's on fire sprinkler systems are as follows:
 - B.1 DCVA's may be installed vertically as well as horizontally provided that the device assembly:
 - Is internally spring loaded – not weighted checks.
 - Is 4 inches or smaller.
 - Is recommended by the manufacturer for vertical installation.
 - Has the normal flow upward.
 - B.2 DCVA's may be installed below grade in a vault provided plugs are installed in the test cocks. Maximum height of installation shall not exceed 5 feet for device assemblies larger than 2 inches unless there is a permanently installed plat form meeting Occupations Safety and Health (OSHA) standards to facilitate servicing the device.
 - B.3 Clearances for device assemblies 2 inches or smaller must provide that they are accessible for testing and repairing. Adequate drainage must be provided except that drains shall not be connected to a sanitary or storm water drain.
- 7. C When intricate plumbing arrangements exist that make it impractical to ascertain water usage or consumption, Sunriver Water LLC may require that installation of an approved Double Detector Check Valve Assembly.
- 7. D Prior to established water service to the fire sprinkler system, Sunriver Water LLC must inspect and approve the device installation.
- 7. E Prior to established water service to the fire sprinkler system the backflow prevention device must be tested by a certified tester and a test report form filed at the Sunriver Water LLC office.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- 7. F All backflow prevention devices installed on fire sprinkler systems must be tested annually by a certified tester. A complete test report form must be submitted to Sunriver Water LLC.
- 7. G Fire sprinkler systems that incorporate an anti-freeze loop containing any type of chemicals shall have an approved reduced pressure principle backflow device (RPBD) installed in the anti-freeze loop.
- 7. H Installation requirements for RPBD's on hot tubs are as follows:
 - H. 1 RPBD's shall always be installed horizontally, never vertically.
 - H. 2 RPBD's shall always be installed above the 100 yr (1%) flood level.
 - H. 3 Relief valves shall never be extended or plugged.
 - H. 4 Protection from freezing shall be provided.
 - H. 5 A provision for an air gapped drain shall be provided.
 - H. 6 RPBD's shall not be installed in an enclosed vault or box unless a bore-sighted drain to daylight is provided.

8 INSTALLATION REQUIREMENTS HOT TUBS

Sunriver Water LLC

Hot Tub Backflow Prevention Requirements

- 8. A Pursuant to chapter 333-61-070 of the Oregon State Health Division Administrative Rules Sunriver Water LLC requires that the minimum backflow protection for any service connection that has a hot tub or spa will be an approved Double Check Valve Assembly (DCVA).
- 8. B The backflow prevention device shall be installed at the expense of the user either at the service connection or within the premises by a certified connection inspector employed by Sunriver Water LLC.
- 8. C The DCVA shall be installed with adequate space to facilitate maintenance and testing. It shall be inspected and tested after installation to insure its satisfactory operation and proper installation. The DCVA must be tested by a certified tester.
 - C.1 The DCVA shall be installed with adequate space to facilitate maintenance and testing. It shall be inspected and tested after installation to insure its satisfactory operation and proper installation. The DCVA must be tested by a certified tester.
 - C.2 Care must be used to insure that the DCVA is not installed where the pressure will be maintained above the devices rated and labeled capacity.

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

- C.3 Pit or below grade installations of a DCVA must have a 6” gravel bed for pit drainage and pipe plugs must be installed in test cock tapings to lessen the danger of cross connects if the device becomes submerged.
- C.4 The DCVA must be protected from freezing, but must facilitate testing and maintenance. There shall be no connections installed between DCVA and source of supply for purpose of draining.
- C.5 Thoroughly flush the lines prior to installation of the DCVA.
- C.6 Owner or representative must call for an inspection by Sunriver Environmental LLC/Sunriver Water LLC. Backflow device installation service line and all premise plumbing to the DCVA must be exposed on visual inspection.
- C.7 Water service will not be turned in until final approval is granted, following the acceptance of the DCVA installation and receipt of certified test results.
- C.8 All devices must be tested annually by a state certified backflow device tester and a completed test report submitted to Sunriver Environmental LLC/Sunriver Water LLC.

NOTE: The installation of a backflow prevention device on the water service line will eliminate the thermal expansion of hot water into distribution system. Therefore, Sunriver Water LLC hereby notifies the water user that it is the water users responsibility to maintain temperature pressure relief valves within the premise plumbing.

9 ACCESS TO PREMISE

Authorized employees of Sunriver Water LLC, with proper identification, shall have access during reasonable hours to all parts of premise and within the building to which water is supplied. However, if any water user refuses access to a premise or to the interior of a structure at reasonable times and on reasonable notice for inspection by a cross connection specialist appointed by Sunriver Water LLC, a reduced pressure principle device will be required to be installed at the service connection to that premise or service must be discontinued.

10 ANNUAL TESTING AND REPAIRS

All backflow devices installed within the territory served by Sunriver Water LLC shall be tested immediately upon installation and annually thereafter by a state certified tester. All such devices found not functioning properly shall be promptly repaired or replaced by the water user. If any such device is

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

not promptly repaired or replaced Sunriver Water LLC may deny or discontinue water or the premise. All testing and repairs are the financial responsibility of the water user.

11 VARIANCES

Any variances from these requirements shall be requested in writing by the owner and approved by Sunriver Water LLC prior to device installation.

12 COST OF COMPLIANCE

All cost associated with purchase, installation, inspections, testing, replacement, maintenance, parts, and repairs of the backflow device are the responsibility of the water user.

13 TERMINATION OF SERVICE

Failure on the part of any customer to discontinue the use of all cross connections and to physically separate cross connections is sufficient cause for immediate discontinuance of public water service to the premise. (OAR chapter 333-061-070, section 1)

14 CONSTITUTIONALITY AND SAVING CLAUSE

That if any provision, section, sentence, clause or phrase of this ordinance or the application of same to any person or set of circumstances are for any reason held to be unconstitutional, void, invalid or for any reason unenforceable, the validity of the remaining portions of this ordinance or its application to other persons or circumstances shall not be affected thereby it being the intent of Sunriver Water LLC that in adopting and approving this resolution that no portion hereof or provision or regulation contained herein shall become inoperative or fail by reason of any unconstitutionality or invalidity of any other portion, provision, or regulation.

15 EFFECTIVE DATE

These regulations shall be effective as of _____.

Signature

Issue Date / Filing Date		Effective for Service on or after	April 1, 2011
Issued By Utility			

CERTIFICATE OF SERVICE

UW 147

I certify that I have this day served the foregoing document upon all parties of record in this proceeding by delivering a copy in person or by mailing a copy properly addressed with first class postage prepaid, or by electronic mail pursuant to OAR 860-001-0180, to the following parties or attorneys of parties.

Dated this 23rd day of February, 2011 at Salem, Oregon.



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Public Utility Commission
Regulatory Operations
550 Capitol St NE Ste 215
Salem, Oregon 97301-2551
Telephone: (503) 378-8959

UW 147
Service List (Parties)

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